Title: TELEMATICS DEVICE FOR VEHICLES WITH AN INTERFACE FOR MULTIPLE PERIPHERAL DEVICES Applicant: LOWREY
Filed: Herewith
Attorney Docket No.: 0307091.0177 Sheet 1 of 10 Fig. 1 35 3 connection to external peripheral device Serial Interface To Peripheral Battery Internal Wireless Devices Modem 37 Connector Power-Conditioning 27 Microprocessor Power Supply/ Electronics Memory Module ARM 7 25 20 33 Communications Communications
Circuit 25C CAN (Next-Gen Vehicles) <u>25e</u> Keyword 2000 (Hyundai) 25f 25b Communications Circuit 25d J1708/J1587 (Trucks) Communications ISO 9141 (Toyota) 11850 PWM (Ford) Communications Communications J1850 VPW (GM) **GPS Module** Circuit Circuit Circuit Circuit 15 Mechanical Interface to host vehicle to Host Vehicle 23

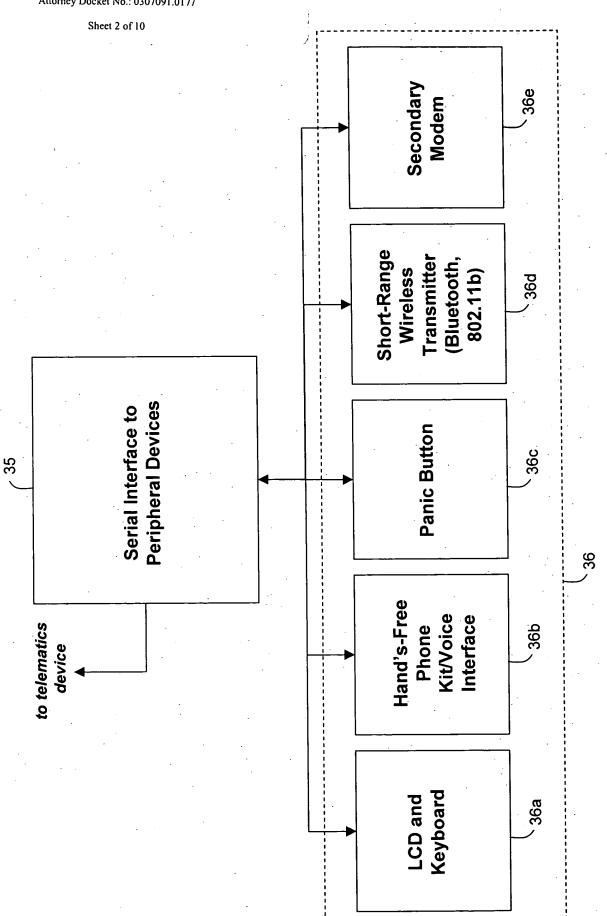


Fig. 2

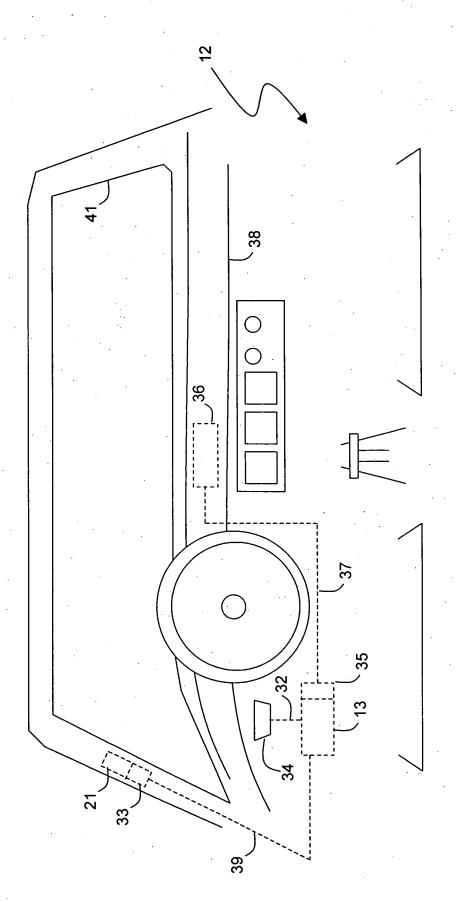
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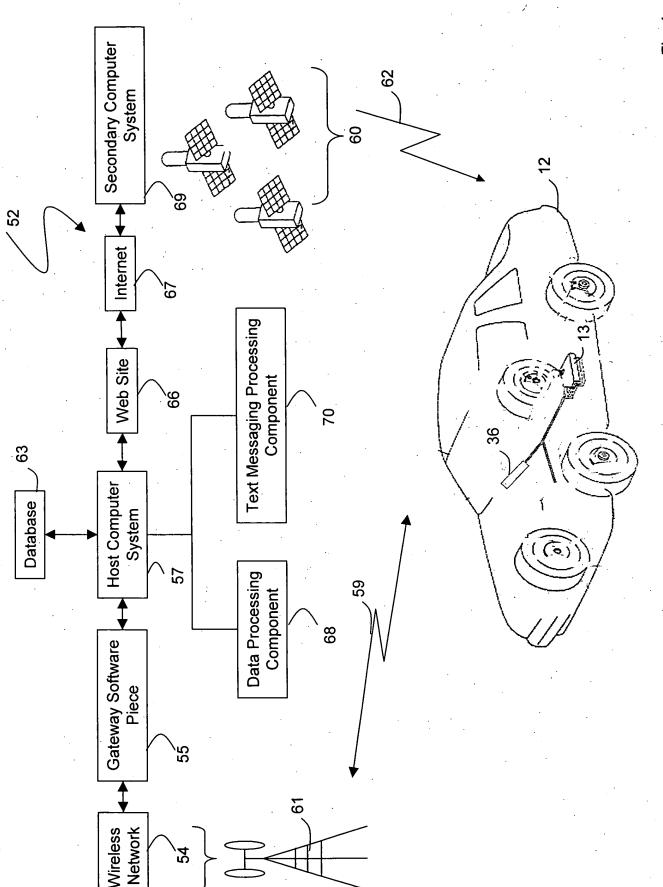
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Diagnostics

42a

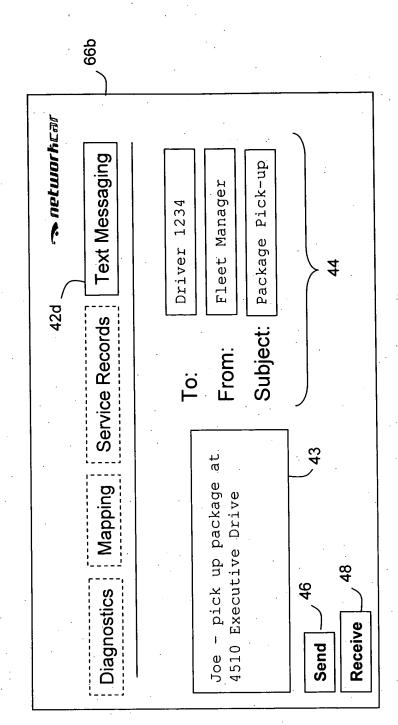
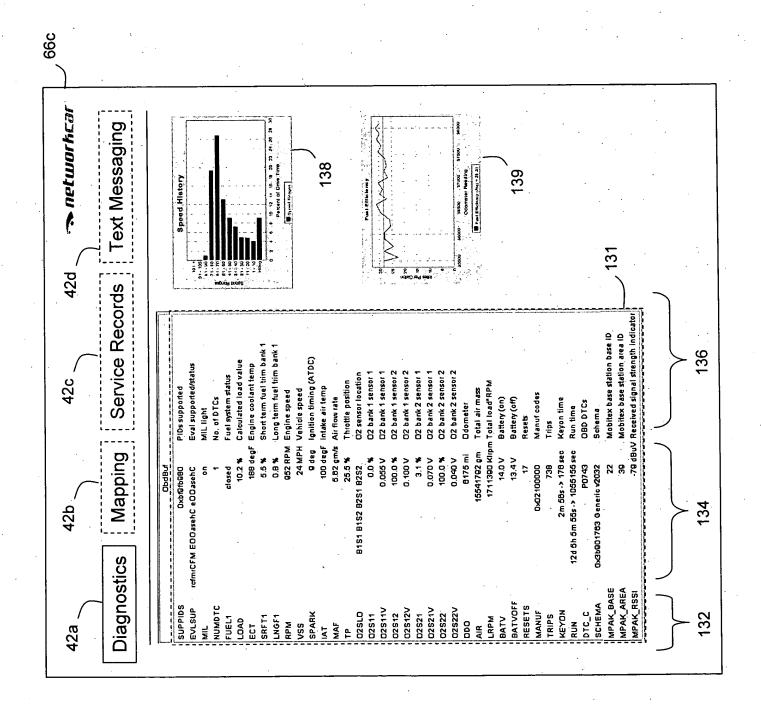


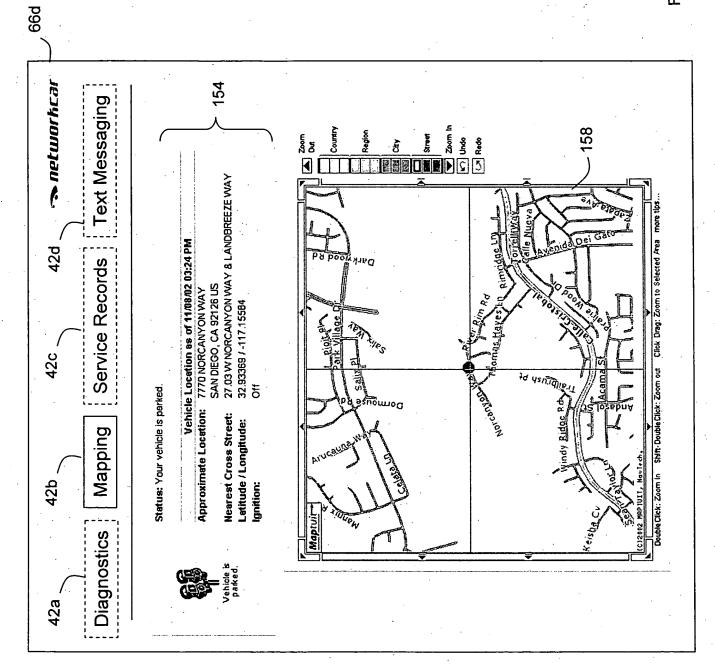
Fig. 5B

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Title: TELEMATICS DEVICE FOR VEHICLES WITH AN INTERFACE FOR MULTIPLE PERIPHERAL DEVICES

MULTIPLE PERIPHERAL DEVICES
Applicant: LOWREY
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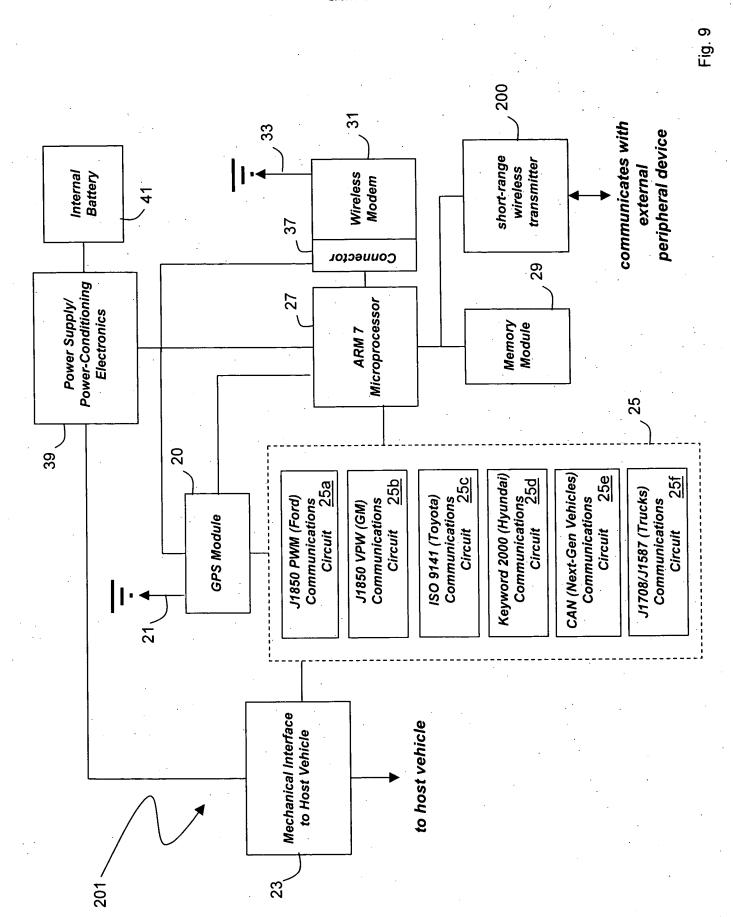
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999 168 s networkcar Text Messaging Comments: CUSTOMER REQUESTS 37,500 MILE SERVICE
CHARGE; RECOMMENDED MAINTENANCE; PERFORMED 37,500 MILE SERVICE
CHARGE; RECOMMENDED MAINTENANCE; PERFORMED 37,500 MILE SERVICE
CUSTOMER 30HOZ-FRZEDRIR; FROM PADS/ROTORS
COMMENTS: MFFINE FROM FOR THE STATE COMMENS: NEEDS FRONT BRAKES; DUE TO NORMAL WEAR, REPLACED FRONT BRAKE PADS AND RESURFACED BOTH FRONT ROTORS Technician ID 164 **4**2d Service Records Found 12 service record(s). Click the Invoice Date or Work Order Honda of El Cerrito Service PAUL FORTE (19) Honds of El Cerrito Service Honda of El Cerrito Service Honda of El Cerrito Service Honds of El Cerrito Service Honda of El Cerrito Service 42c 11/09/03 209729 38143 386.07 Company Mapping nvoice Date ► Work Order # Service Advisor Name & Number 42b 177232 171184 89068 165170 58293 199734 85346 Operation 202481 161760 **Diagnostics** Service Record Work Order ID Job Pay Type Job Information Invoice Date Repair Cost 06/17/02 02/15/03 38/22/03 08/21/03 09/06/02 07/09/02 33/28/02 11/10/03 11/06/02 34/30/02 03/22/02 Mileage 42a

Fig. 8

MULTIPLE PERIPHERAL DEVICES
Applicant: LOWREY
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